

Geographic Conference, 1930, Institut für Geographie und Statistik der Universität Bonn, 25./26. April 1930

Mr. Gerasimov explained how the hollows on the left bank of the Talysh River have favorable conditions for the development of a short-term irrigation economy based on the grain-growing area. He also worked on the much experience in the use of a morphogenetic ground forms made possible photography in the Suryataksa (333.5 km) discussed by him during his visit to the southern part of the Amur and Zeya rivers areas. V. Chikatayev compared agricultural and non-agricultural enterprises to measure rural coefficients. C.M. Chubanov and V. Kholodov gave a socio-economic analysis of the central part of the Yakutskaya district. V. Chikatayev reported on the development of the Ussuri area. A.V. Mikhaylov discussed data on the distribution and specific features in the fishing economy of the Primorye, Amur, Ussuri (Vilyuy, Olenyok, Indigirka, Lena), Vilyuy, Indigirka and Bureya rivers. V. Chikatayev and G. Gor'kovskiy ekonomichekiy rayon (Orlyak and Economic District) respectively. P. P. Kudryavtsev and G. N. Mal'nikov lectured on the population and economy of the Brandenburg, West Germany. The conference was also attended by representatives of the Institute of Geography and History (Moscow University), Stepanovskiy Institute of Prognoz (Central University), Central Institute of Meteorology and Glaciology, Institute of Geofizika, Front Research Institute of Geodesy and other organizations. The following senior workers of the Institute of Geography AS USSR took part in the discussions: A.P. Gal'tsov, B.I. Dostachuk, V.S. Demchenko, I.V. Dolmatov, A.G. Dobratz, N.P. Dubrovskiy, J.V. L'vov, V. P. Podorovich, S.N. Ryzantsev, N.P. Slobodyan, and others.

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APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653310020-0"

STEZHENSAYA, I.N.

Spring on the Lena. Priroda 49 no.5:127 My '60.
(MIRA 13:5)

1. Institut geografii AN SSSR, Moskva.
(Lena Valley--Spring)

STEZHENSAYA, I.N.

In the basin of the Lena River. Priroda 49 no.8:125-126 Ag '60.
(MIRA 13:8)

1. Institut geografii AN SSSR, Moskva.
(Lena Valley--Floods)

STEZHENSKAYA, I.N.

Locked in the ice. Priroda 49 no. 12:124-125 D '60.
(MIRA 13:12)

1. Institut geografii AN SSSR, Moskva.
(Lena Valley--Ice on rivers, lakes, etc.)

STEZHENSKAYA, I.N.

Hydrological seasons and latitudinal zonality of the West
Siberian Lowland. Izv. AN SSSR. Ser. geog. no.6:55-64
N-D '65.
(MIRA 18:11)

1. Institut geografii AN SSSR.

AKALINSKAYA, YE. I.; AKALINSKAYA, YE. D.; ZHIRNOVA, G. YE.; ZINCHENKO, V. P.;
KOMPAK, A. I.; SATANOVSKII, A. M.; SPMAN, J. M.

"Labor Hygiene in the Modern Blast Furnace Industry."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectiologists, 1959.

STEZHENS KAYA, Ye.I.

Effect of the character of work on lesions of the cardiovascular system in persons of 80 years of age and older. Vop. geron. i geriat. 4:166-172 '65. (MIRA 18:5)

1. Institut gerontologii AMN SSSR, Kiyev.

STEZHENSKIY, O. [Stezhens'kyi, O.], kand.tekhn. nauk

Nitrogen and temperatures. Znan. ta pratsia no. 2:10-11 F '62.
(MIRA 15:2)
(Nitrogen-Fixation)

15.9.130 1209

29456
S/061/61/000/017/163/166
6117/B110

AUTHOR: Stezhenskiy, V. L.

TITLE: New method of increasing the chemical stability of rubber

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1961, 594 - 595,
abstract 17П309 (Tr. Mosk. in-ta khim. mashinostr., v. 22,
1960, 179 - 189)

TEXT: The stability of protective coatings of chemical apparatus and metal containers for transporting aggressive liquids, e. g., acids, can be increased by impregnating vulcanized coatings with high-boiling oils containing no unsaturated components. To increase the resistance of rubber to ageing, an age resistor is added to the oil. The best coatings were produced from the nairite rubber of the type ИРП-1040 (IRP-1040) with increased carbon black content which had been impregnated with Ts_2 (Ts₂)-oil with phenyl- β -naphthyl-amine. This rubber can also be used to produce insets for standard steel containers, cans, etc. These insets are tissue cuts coated with rubber on both sides and glued together, vulcanized and impregnated with oil containing an age resistor. By

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X

New method of increasing the...

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B117/B110

using steel containers with rubber insets instead of glass bottles for the transport of commercial acids 10 million roubles can be saved annually. At present, the designs of such insets for stationary containers, car and railway tanks are being developed. [Abstracter's note: Complete translation.] X

Card 2/2

STEZHENSKIY, V.L.

Use of elastic containers for the storage and transportation of petroleum and petroleum products. Transp. i khran. nefti no.8:
28-32 '63. (MIRA 17:3)

1. TSentral'naya nauchno-issledovatel'skaya laboratoriya korrozii
Gosudarstvennogo komiteta khimicheskoy i neftyanoy promyshlennosti
pri Gosplane SSSR.

124-1957-2-1825

Translation from Referativnyy zhurnal. Mekhanika, 1957, Nr 2, p 52 (USSR)

AUTHOR Stezhinskiy, A.I.

TITLE Investigation on the Combustion Process of Gas Mixtures in Piston Engines (Issledovaniye protsessa sgoraniya gazovykh smesey v porshnevom dvigatele)

PERIODICAL Tr In-ta ispol'zovaniya gaza AN UkrSSR, 1955, Nr 3, pp 105-113

ABSTRACT A report on the results of a study on the effect of the oxygen concentration in the air on the combustion process of methane-air mixtures under pressure. The investigation was conducted on a special one-stroke engine. The results show that: 1) the enrichment of the air by oxygen widens the ignition limits of the working mixture; 2) the magnitude of the induction period depends on the quality of the original mixture; 3) the combustion time of rich mixtures in enriched air ensures the normal functioning of the engine; 4) the flame-front propagation speed is increased in oxygen-enriched air (this effect is especially noticeable with poor mixtures); 5) the coefficient of excess air corresponding to the maximum combustion speed is equal to appx 0.8 and is independent of the oxygen enrichment.

Card 1/1

1. Gases--Combustion G.A.Varshavskiy
2. Combustion--Analysis

KAZARNOVSKIY, Ya.S., kand. khim. nauk; DEREVYANKO, I.G.; STEZHINSKIY, A.I.
KOBOTZEV, N.I., doktor khim. nauk

Explosive conversion of methane. Part 2. Trudy GIAP no.8:89-105
'57. (MIRA 12:9)
(Methane) (Gas and oil engines) (Fuel--Testing)

KAZARNOVSKIY, Ya.S., kand.khim.nauk; KOBZEV, N.I., doktor khim.nauk;
STEZHINSKIY, A.I.; TORBAN, B.S.

Explosive conversion of methane. Part 3. Trudy GIAP no.8:106-123
'57.
(MIRA 12:9)
(Methane) (Gas and oil engines) (Fuel--Testing)

SENZIL'SKII, A.I., Gend Tech Sci -- (aia) "Investigation of
the energy and chemical operation conditions of a gas engine,"
Kharkov, 1960, 16 pp (Kharkov Polytechnical Institute im V. I.
Lenin) (RL, D-60, 123)

KOPYTOV, V.F.; STEZHENSKIY, A.I.; ZAGOROVSKIY, O.A.

Oxidation of atmospheric nitrogen in gas furnaces. Gaz. prom.
9 no.7:26-29 '64. (MIRA 17:8)

STEZHENSKIY, A.I. [Stezhens'kyu, A.I.]; PRAZHENNIK, Yu.G. [Prashennyk, IU.H.]

Catalytic conversion of natural gas by air. Khim. prom. [Ukr.] no.3:
1-5 Jl-S '64. (MIRA 17:12)

STEZHENSKIY, A.I. [Stezhens'kiy, A.I.], kand. tekhn. nauk; LUK'YANCHIKOV,
V.S. [Luk'ianchykov, V.S.]; PROTSENKO, V.B.

Unit for the fixation of atmospheric nitrogen. Khim. prom.
no.4:27-29 O-D '64. (MIRA 18:3)

1976年1月1日，中華人民共和國政府和英國政府簽訂了《關於香港問題的聯合聲明》。

Determination of the parameters of a diffusion apparatus.
Combination of methane with hydrogen under pressure. Khim.prom.
(Khim.prom.) no. 241450 April 1955. (MIRI 18:6)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653310020-0"

PRAZHENNIK, Yu.G. [Prashennyk, Iu.H.]; STEZHENSKIY, A.I. [Stezhens'kyi, A.I.],
kand.tekhn.nauk

Unit for the catalytic conversion of natural gas with air without
a preheating of initial products. Khim.prom. [Ukr.] no.2:57-58
Ap-Je '65. (MIRA 18:6)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653310020-0

STREIBINSKIY, A. S.; CHIKHACHEV, Yu. G.

Conversion of natural gas for the fire refining of copper. TSvet.met.
38 no. 3:25-28 Mr 165. (MIRA 18:6)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653310020-0"

STEZHENSKIY, A.I.

Reduction of oxidized iron ores by natural gas. Met. i gornorud.
prom. no. 5:58-60 S-0 '62. (MIRA 16:1)

1. Institut ispol'zovaniya gaza AN UkrSSR.
(Iron-Metallurgy) (Gas, Natural)

STEZHENSkiY, O.I. [Stezhens'kiy, O.I.]; ZAGOROVSKIY, O.O. [Zagorovs'kiy,
O.O.]

High-temperature oxidation of nitrogen by oxygen. Khim. prom.
[Ukr.] no.1820-24 Ja-Mr'63 (MIRA 1787)

1. Institut prirodnoogo gaza AN UkrSSR.

STEZHIN, P.I.

621 Otlichnoye tekushcheye soderzhaniye puti u plane. Kozan: 1954. 10 s 21 sm.
(MTS SSSR. Kazan. zh. d. Dom Tekhniki i DopNITO. obmen opytom). 300 ekz Bespl.
-(54-55355) p 625.17sr

SO: Knizhnaya Letopis, Vol 1, 1955

1. STEZHOV, V.
 2. USSR (600)
 4. Labor Productivity
 7. Setting up labor production standards on the collective farm. Kolkh. proizv. 13, No. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

STGAWSKI, Tadeusz (Warszawa, ul. Mickiewicza 18a m.5)

Case of trichinosis with bioptically verified mature Trichinella in
the muscles in the eleventh day of disease. Polski tygod. lek 13 no.19
723-725 12 May 1958

1. (Z IV Zakladu Chorob Wewnetrznych Inst.Dosk. i Specj. Kadr.
Lek.; kierownik: prof. dr nauk med. Witold Orlowski.

(TRICHINOSIS, case reports,

biopsy verification of mature Trichinella in 11th day
of infect. (Pol))

LEVI, N.I.; PAVLOV, Yu.G.; SHIBOLY, G.M.; CHIBASIK, I.G.; MALKOV, A.B.;
ZHIGANOV, I.A.; SVOGOVA, A.N.; TURINA, R.F.; SKHARABIKOVA, L.A.;
PAK, G.Y.; KEMINOV, K.K.; DUGERAYA, T.N.; VASSONOV, I.C.; KRIVULAT,
V.I.; MIRTAKHVA, Z.F.; SHIMELIKH, A.L.; LAVRENTEV, A.T.; BAEV, I.,
M.N.; KUROV, G.I.; GOIKOVSKY, G.M.; SALAMANOV, N.I.; ZALYGINA, N.I.

Significance of serological methods in the epizootiological study
of plague in wild rodents. J. myc. epidem. (Izaka) & no.4:422-427
1964.

1. Institute of Scientific Research, Kostanay on the Don and Central
Asian Institute of Scientific Research, U.S.S.R.

Exhibition of parts for telecommunication. p. 31.
("SILKET FILM". No. 4, Feb. 1955. Budapest.)

CC: Monthly List of East European Accession. (SILK). Ic. Vol 1. No. 11 Nov. 1955 Uncl.

STASZEK, W. ; MAKOWSKI, J. ; KOLISZ, R.

Radiography of reinforced-concrete constructions. p. 153

ARCHIWUM HYDROTECHNIKI. (POLSKA AKADEMIA NAUK. INSTYTUT BUDOWNICTWA
WODNEGO) Warszawa, Poland. Vol. 6, 1959.

Monthly List of European Accessions (EEAI) LC, Vol. 8, no. 8
August 1959.

Uncl.

SIMKO, Alfred.; STIASZNY, Erzsebet, B., dr.

Reserpine therapy of psychiatric patients. Ideg. szemle 9 no.3:
53-59 Apr 56

1. Fovarosi Ideggondozó Intézet (igazgató: dr. Szirtes Gyula)
és Fovarosi Árpád Korház (igazgató: dr. Loránd Sándor kandidátus)
laboratoriumnak közleménye.

(MENTAL DISORDERS, ther.

reserpine (Hun))

(RAUWOLFIA ALKALOIDS, ther. use

reserpine, in mental disord. (Hun))

HUNGARY

TARABA, Istvan, BENEDEK, Erika, MOLNAR, Laszlo, and STIASZNY, Lajos; Institute of Physiology (Elettani Intezet), College of Medicine (Orvostudomanyi Egyetem), Budapest.

"Acute Renal Insufficiency Induced in Wakeful Dogs"

Budapest, Kiserletes Orvostudomany, Vol 18, No 6, 1966; pp 612-618.

Abstract: In a group of 13 dogs having only one kidney, the kidneys were ischemized for two hours in a painless manner, while the animals were awake. Of the 13 animals 10 died while exhibiting uremic symptoms, but 3 animals survived the 14-day survival period chosen by authors. Evaluation of the histological and laboratory findings of both dead and surviving animals showed that the symptoms of this syndrome agree to a great extent with the syndrome of acute human renal insufficiency. 31 References, predominantly Western. Manuscript received 29 Dec 65.

1/1

STIBIC, V., inz., dr.

Calculation of the production of semiconductors, electron tubes
and picture tubes on automatic computers. Sdel tech 10
no.9:358 S '62.

STIBIC, Vladimir, inz., dr.

Programming, a suitable occupation for women? Podnik organizace 17
no.2:91-92 F '63.

STIBIC, Vladimir, inz., dr.

A new mathematical method in operative planning. Pod org 17 no.4:
156-158 Ap '63.

1. Vyzkumne vypoctove stredisko, n.p., Kancelarske stroje.

STIBIC, Vladimir, dr. iur.,

"Punched tape" by J. Sedlacek, Z. Stachka. Reviewed by Vladimir
Stibic. Pod org 17 no.10:410 0 '63.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653310020-0

STIBIC, Vladimir

"Graphic representation in statistics by V. Roubicek.
Reviewed by Vladimir Stibic. Podn org 18 no. 3:144 Mr '64.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653310020-0"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653310020-0

STIBIC, Vladimir

"Graphic representation in statistics by V. Roubicek.
Reviewed by Vladimir Stibic. Podn org 18 no. 3:144 Mr '64.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653310020-0"

STIBILJ, Vladimir, inz.; VODENIK, Ferdo, inz.

NS Savannah, first atom-propelled merchant ship. Brodogradnja
14 no.3111-118 *64

STIBIG, Vladimir, inz. dr.

Automation of office work. Tech praca 16 nc.8:588-592 Ag '64.

1. Research Calculation Center, Prague.

STIBINGER, J.

Continuus refining of oils and fats. p. 42

PRUMYSL POTRAVIN. (Ministerstvo potravinarskyho prumyslu) Praha, Czechoslovakia
Vol. 10, no. 1, Jan. 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 7, July 1959
Uncl.

L 23356-66 EWP(e)/EWA(d)/T/EWP(t)/EWP(t) IJP(c) JD/WW/JG/WH
ACC NR: AF6008103 (A) SOURCE CODE: CZ/0091/65/000/003/0049/0055

AUTHOR: Stibinger, V. (Engr.; Prague)

ORG: AZL, Prague

TITLE: Use of Diafrik cermet friction materials in clutches for off-the-road vehicles

SOURCE: Pokroky praskové metalurgie VUPM, no. 3, 1965, 49-55

TOPIC TAGS: cermet product, friction coefficient, clutch, riveting

ABSTRACT: The specific properties of dry mechanical clutches in off-the-road vehicles were briefly discussed together with a review of the requirements placed upon friction materials. The results of laboratory and operational tests indicated that Diafrik Slb and S3 were the most suitable for operation in progressively acting vehicle brakes. Tests showed that the structure of the clutch affected its properties to a large degree. Controlling the shape of friction planes was the most difficult problem. The bending of riveted segments could be decreased by diminishing their length by dividing the cermet layers into smaller parts by notches. The differences in heat could be decreased by increasing the entire surface, i.e., by riveting the larger number of segments. The sliding of friction surfaces was caused by nonuniform heating of the surface in a radial direction. Sliding was decreased by designing the peri-

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L 23356-66

ACC NR: AP6008103

peral rib in the form of a collar inside the internal diameter of a pusher and using a larger number of springs. Radial ribs could be used to increase rigidity and improve cooling. Nevertheless, no substantial decrease was achieved in the difference between the coefficients of static and kinetic friction. This resulted in a high rate of stressing of transmission parts by dynamic forces. To eliminate this shortcoming, the designer should look for optimal selection by increasing the dimension of all transmission parts (increased mass, moments of inertia) and decreasing the rigidity of the clutch engagement (increasing the load on the clutch and decreasing its life).
Orig. art. has: 3 fig.

SUB CODE: 13,11/ SUBM DATE: none/ ORIG REF: 003

Card 2/2 LC

L 00469-66 EWP(c)/EWP(k)/EWT(d)/EWP(h)/T/EWP(l)/EWP(v)

ACCESSION NR: AR5017985

UR/0284/65/000/007/0001/0001
621:62.001.6

39
B

SOURCE: Ref. zh. Voprosy tekhnicheskogo progressa i organizatsii proizvodstva v mashinostroyenii. Otdelnyy vypusk, Abs. 7. 35.1

AUTHOR: Stibits, V.

TITLE: Activities of the Issledovatel'skiy Vychislitel'nyy Tsentr (Research Computer Center) in automation of data processing

CITED SOURCE: Nauchn. tr. Mosk. inzh.-ekon. in-ta, vyp. 21, 1964, 383-386

TOPIC TAGS: computer center, program development, tab operator training, data processing, data processing automation

TRANSLATION: More than 20 high speed computers are currently in use within the ChSSR (Czechoslovakia). The Research Computer Center (IVTs) was established by government decree and was attached to the national enterprise "Kancelarske stroje" in Prague. Its basic mission is to investigate possible applications of computers and to supply the organizational and procedural assistance required by various enterprises in the area of tab and control function automation. The Center is equipped with a National

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L 00469-66

ACCESSION NR: AR5017985

Elliott-803B transistorized computer, capable of 2000 operations per second. The ferrite memory system has a capacity of 8192 terms, input and output are on punched tape with storage element capacity of 262,144 terms. The computer performed calculations utilized in planning production of semiconductors and electronic tubes, compiling a total of 39 programs, including 25 standard subprograms consisting of 11,942 commands. Manual compilation of the calculation program for a single part required 20 hours, while preliminary calculations for 2230 parts were completed by the computer in 8.2 hours. The Computer Center is active in operational planning of serial production. Calculation of general monthly production indexes was programmed for a motorcycle plant and a graph was compiled to illustrate the started-up to output cycle for a given part by operation and job stations. The computer utilized data of the production output plan and time standards to calculate the optimal lot, the minimal span of the production cycle for each part, as well as start-up and output periods by part and operation. The information was stored on magnetic tapes. The computer then compiled a work allocation program by job station. Elements of the Monte Carlo method were employed in defining the component assembly sequence. Courses in programming and analytical functions, with an attendance of 840 students, are given at the Center. R. Yakovleva

ENCL: 00

SUB CODE: DP

Card 2/2

STIBITS, V.[Stibic, V.]; KUZNETOV, I.N.[translator], BONDARENKO, A.K.,
inzh., red.; SALYANSKIY, A.A., red.izd-va; EL'KIND, V.D.,
tekhn. red.

[From mechanization to automation of office procedures] Ot
mekhanizatsii k avtomatizatsii upravlencheskikh rabot. Mo-
skva, Mashgiz, 1963. 98 p. (MIRA 16:11)
(Electronic data processing)
(Office procedures) (Accounting machines)

BOBEK, K., prof., dr.; BARCAL, J., MUDr.; HAVLICEK, V., inz.; KRECMER, V.,
inz., C.Sc.; MATOUSEK, J., p.l.; NOVAK, J., MUDr.; NOVAK, V., prof.,
inz., dr.; STIBOR, J., MUDr.; BAYER, K.

Commenting on K. Bayer's ideas on applied meteorology. Meteor spravy
15 no.6:179-180 D '62.

CZECHOSLOVAKIA / Human and Animal Morphology (Normal and Pathological). Respiratory System.

S

Abs Jour : Ref Zhur - Biologiya, No 9, 1959, No. 4743

Author : Stiblo, K.; Tomanek, A.

Inst : Not given

Title : Bronchial Changes in Various Forms of Pulmonary Tuberculosis

Orig Pub : Chekhoz. med. obzor., 1956, 2, No 2, 116-126

Abstract : The following was established in investigations of patients with pulmonary tuberculosis:

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Forms of patients Investigated CIA-RDP86-00513R001653310020-0"

		Specific bronchial changes	Broncho- glandular changes	specific bronchial changes	Non- specific changes
1) Focal	98	34	22	9	
2) Disseminated	50	19	15	10	
3) Infiltrative	172	47	12	31	
4) Chronic, fibrocavernous	149	59	17	22	
5) Tuberculous pneumonia	13	9	2	1	
6) Following active intervention	31	19	2	6	-- I. B. Parabash

Card 2/2

STIFER, M.

The classification of spare parts for electronic engineering from the point of view of their resistance to outside influences.

P. 5-1. (SLAPCEROVÝ ČÍZOR.) (Praha, Czechoslovakia) Vol. 18, No. 8, Aug. 1957

SC: Monthly Index of East European Accession (MEA) LC. Vol. 7, No. 5, 1958

PRIMA, M.

The Czechoslovak standard 35 8050; testing of components for electronic equipment.

P. 57. (SLADOPRÍKRY ČESKÁR.) (Praha, Czechoslovakia) Vol. 19, No. 1, Jan. 1958

SO: Monthly Index of East European Accession (EIAI) LC. Vol. 7, No. 5, 1958

LTIBOR.

"Condensers with paper dielectric; basic standard." p. 198.

SLABOPROUDY OBZOR. (MINISTERSTVO PRESNEHO STROJIRENSTVI, MINISTERSTVO SPOJU A VEDECKA TECHNICKA SPOLECNOST PRO ELEKTROTECHNIKU PRI CSAV.) Praha, Czechoslovakia, Vol. 20, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.
Uncl.

STIBOR, O.

STIBOR, O. Long-range plan of the Czechoslovak building industry or the years 1956-
1960. p. 361

Vol. 4, no. 10, Oct. 1956
POZEMNÍ STAVBY
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

STIBOR, O

TECHNOLOGY

Periodical: POZEMNI STAVBY. Vol. 6, no. 10, Oct. 1958.

STIBOR, O. How must we contribute until 1965 to the solution of the housing problem in Czechoslovakia. p. 561.

Monthly List of East European Accession (EEAI) LC, Vol 8, no. 3
March 1959 Unclass.

ACC NR: AP6035024

SOURCE CODE: CZ/0048/66/000/019/0656/0657

AUTHOR: Stibor, Stanislav (Captain; Engineer; Editor of "Vojenska Technika")

ORG: none

TITLE: Great maneuvers

SOURCE: Veda a technika mladezi, no. 10, 1966, 656-657

TOPIC TAGS: armored vehicle, amphibious vehicle, military tank, military exercise, tire/OT-62 vehicle, OT-64 vehicle, OT-65 vehicle, BTR-50 vehicle, BRDM vehicle

ABSTRACT: The successful joint military exercise, called Vltava, of the Warsaw Pact nations is reported. The equipment of the Czechoslovak forces is praised highly and certain models are described. Among these is the OT-62 fully armored amphibious vehicle, which is a modernized version of the Soviet BTR-50. The wheeled, armored, OT-64 vehicle, used for the transport of infantry, achieves a speed of 60 km/h in the field and 95 km/h on the highway. It is equipped with "tactical" tires whose pressure can be changed while in motion. Eight wheels adapt

Card 1/2

STIBORKOVA, Marie

Examination of infants as a preventive method against strabismus.
Cesk. ofth. 15 no.4:241-243 Aug 59.

1. OUNZ v Novem Jicine, ortoptické oddelení ve Stramberku, prednosta
prim. MUDr. Josef Svoboda.
(STRABISMUS, prev. & control)

STIBOJKOVÁ, Marie

Experience with active therapy of amblyopia. Česk. oftal. 18 no,2:
92-96 Mr '62.

1. Ortoptické oddelení OUNZ Nový Jičín ve Stramberku, predn. MUDr.
J. Svoboda.
(AMBLYOPIA ther)

CZECHOSLOVAKIA

STIBR, B.
PLESEK, J; STIBR, B; HERMANEK, S

Nuclear Research Institute, Czechoslovak Academy
of Sciences, Prague-Rez - (for all)

Prague, Collection of Czechoslovak Chemical Commun-
cations, No 12, December 1966, pp 4744-4745

"Chemistry of boranes. Part 6: The reaction of bis-
dialkylsulphide-dodecahydrodecaboranes with hydro-
halogens. General preparation of 6-(or 5-) halogen-
ride-dodecahydrodecaboranes."

STIBRAL, J.

Relation between the weather and maize development at 200-300 and
500-600 m altitude according to the observations in 1960. Meteor
zpravy 15 no.2:36-45 '62.

1. Hydrometeorologicky ustav, Praha.

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TEXT: The method proposed permits the oscillographic measurement of the current density distribution in an electron beam without deflecting the beam by an electric field. Instead the "sampling" of the beam is effected by means of an electrode provided with a small aperture which moves transversely with respect to the beam. The sampling device or the current probe is shown in Fig. 1. The probe C has an aperture of 0.09 mm and is fixed on the support N (Fig. 1) which is attached to the supporting rod of the tube by means of a flat spring P. The support N and the probe electrode are vibrated magnetically; the coils which produce the driving magnetic field are situated outside the vacuum system and are operated at the frequency of 10 c.p.s. The motion of the probe electrode is purely sinusoidal. The electrode A in

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A Measurement of the Current Density Distribution in Electron
Beams

the system of Fig. 1 is kept at the potential near to that of the probe. The collector K of the system is connected to a resistor R. For displaying the current distribution curve, the measuring device of Fig. 1 is combined with an oscilloscope and suitable auxiliary equipment. In this way the vertical deflection of the oscilloscope spot is proportional to the collector current. On the other hand a sinusoidal voltage is applied to the horizontal deflection system of the oscilloscope. The drive coils for the probe electrodes are driven at the same frequency as the horizontal plates of the oscilloscope. The method was used to measure the current distribution in some systems where the focusing was done by means of a homogeneous magnetic field. The resulting oscilloscope patterns are shown in Fig. 4 on p. 516a.

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